# Micro HI-FI Component System

CMT-MX550i/MX500i







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http://www.sony.net/

### WARNING

#### To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To reduce the risk of fire, do not cover the ventilation opening of the apparatus with newspapers, tablecloths, curtains, etc. Do not place the naked flame sources such as lighted candles on the apparatus.

To reduce the risk of fire or electric shock, do not expose this apparatus to dripping or splashing, and do not place objects filled with liquids, such as vases, on the apparatus. Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

As the main plug is used to disconnect the unit from the mains, connect the unit to an easily accessible AC outlet. Should you notice an abnormality in the unit, disconnect the main plug from the AC outlet immediately.

Do not expose batteries or apparatus with batteryinstalled to excessive heat such as sunshine, fire or the

The unit is not disconnected from the mains as long as it is connected to the AC outlet, even if the unit itself has been turned off.

## CAUTION

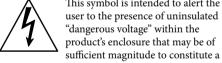
The use of optical instruments with this product will increase eye hazard.

# Except for customers in the U.S.A. and



This appliance is classified as a CLASS 1 LASER product. This marking is located on the rear

Notice for the customers in the U.S.A. and Canada This symbol is intended to alert the



product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons. This symbol is intended to alert the user to the presence of important

instructions in the literature

accompanying the appliance.

operating and maintenance (servicing)

### Owner's Record

The model and serial numbers are located on the rear of the unit. Record these numbers in the space provided pelow. Refer to them whenever you call dealer regarding this product.

Model No. Serial No.

- 2) Keep these instructions.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in
- heat registers, stoves, or other apparatus (including
- grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus
- manufacturer
- bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

#### The following FCC statement applies only to the version of this model manufactured for sale in the U.S.A. Other versions may not comply with FCC technical regulations.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and
- Consult the dealer or an experienced radio/TV technician for help.

#### CAUTION

You are cautioned that any changes or modifications

- Important Safety Instructions 1) Read these instructions.
- Heed all warnings.
- accordance with the manufacturer's instructions. 8) Do not install near any heat sources such as radiators,
- amplifiers) that produce heat. 9) Do not defeat the safety purpose of the polarized or
- 10) Protect the power cord from being walked on
- 11) Only use attachments/accessories specified by the
- 12) Use only with the cart, stand, tripod,
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.

interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

not expressly approved in this manual could void your authority to operate this equipment.

#### information is only applicable to equipment sold in countries applying EU directives. The manufacturer of this product is Sony Corporation,

Notice for customers: the following

1-7-1 Konan Minato-ku, Tokyo, 108-0075 Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters, please refer to the addresses given in separate service or guarantee documents.



**Disposal of Old Electrical & Electronic Equipment** (Applicable in the European **Union and other European** countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product Applicable accessories: Remote commander



#### Disposal of waste batteries (applicable in the European **Union and other European** countries with separate collection systems) This symbol on the battery or on the packaging indicates

that the battery provided with this product shall not be treated as household waste. On certain batteries this symbol might be used in

combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0.0005% mercury or 0.004% By ensuring these batteries are disposed of correctly,

you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources. In case of products that for safety, performance or data integrity reasons require a permanent connection with an

incorporated battery, this battery should be replaced by qualified service staff only. To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment. For all other batteries, please view the section on how to remove the battery from the product safely. Hand the

battery over to the applicable collection point for the recycling of waste batteries. For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where

### you purchased the product. Note on DualDiscs

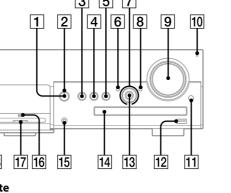
A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not guaranteed.

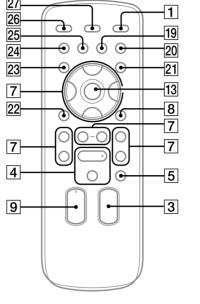
#### Music discs encoded with copyright protection technologies

This product is designed to playback discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product

### **License and Trademark Notice**

- •iPod is a trademark of Apple Inc., registered in the U.S. and other countries. •iPhone is a trademark of Apple Inc.
- •MPEG Layer-3 audio coding technology and patents
- licensed from Fraunhofer IIS and Thomson • Windows Media is either a registered trademark or trademark of Microsoft Corporation in the United
- States and/or other countries • This product is protected by certain intellectual property rights of Microsoft Corporation. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an
- authorized Microsoft subsidiary. • All other trademarks and registered trademarks are of their respective holders. In this manual, ™ and ® marks are not specified.





This manual mainly explains operations using the remote, but the same operations can also be performed using the buttons on the unit having the same or similar

## To use the remote

Slide and remove the battery compartment lid, and insert the two supplied R6 (size AA) batteries,  $\bigcirc$  side first, matching the polarities shown below.



#### • With normal use, the batteries should last for about six months. • Do not mix an old battery with a new one or mix different types of

• If you do not use the remote for a long period of time, remove the batteries to avoid damage from battery leakage and corrosion.

## When carrying this system

Use buttons on the unit

- 1 Remove a disc to protect the CD mechanism.
- 2 Press FUNCTION 3 repeatedly to select the CD
- While holding down TOOL MENU 8, hold down 1/() (power) 1 until "STANDBY" appears.
- **4** After "LOCK" appears, unplug the power cord.

### To set the clock

- 1 Press I/ (1) 1 to turn on the system.
- 2 Press TIMER MENU 21 to select the clock set mode. If "PLAY SET?" flashes, press ◆/◆ 7 repeatedly to select "CLOCK SET?," and then press (+) (enter) 13.
- 3 Press **↑**/**♦** 7 repeatedly to set the hour, then press **13**.
- **4** Use the same procedure to set the minutes.

The clock settings are lost when you disconnect the power cord or if a

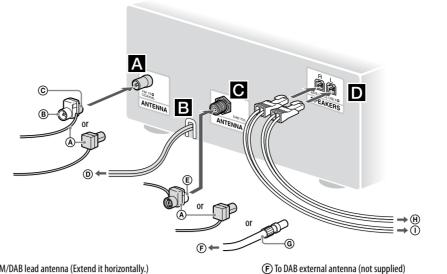
## Reception of DAB/DAB+ radio station (CMT-MX550i only)

To display the clock when the system is off

Press DISPLAY 27. The clock is displayed for about

When you turn on the system for the first time after you purchase the system, DAB Automatic Scan starts automatically and creates a list of available services. During the DAB Automatic Scan, "**TITLE**" appears. Do not press any button on the unit or the remote during DAB Automatic Scan. Scanning is interrupted and service list may not be created properly. To run the DAB Automatic Scan manually, perform the procedure of "Running the DAB Automatic Scan manually" in "Listening to the radio." If you have moved to another area, perform the DAB Automatic Scan manually and re-register the contents of broadcasts.

## **Getting Started**



A FM/DAB lead antenna (Extend it horizontally.) (B) White side for North American model

© Brown side for other countries/regions (D) To wall outlet E Connect white side.

## A FM antenna

Find a location and an orientation that provide good reception, and then set up the antenna. Keep the antennas away from the speaker cords and the power cord to avoid picking up noise.

### **B** Power

Connect the power cord to a wall outlet. The demonstration appears in the display. When you press 1/0 1, the system turns on and the demonstration automatically ends. If the plug does not fit the wall outlet, detach the supplied plug adaptor (only for models equipped with an adaptor).

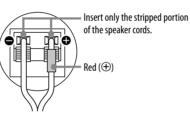
#### C DAB antenna (CMT-MX550i only)

With a DAB external antenna (not supplied), you can obtain higher DAB/DAB+ broadcast sound quality. We recommend that you use the supplied FM/DAB lead antenna only temporarily until you install a DAB external antenna.

## **D** Speakers

Connect the speaker cords to the SPEAKERS jacks on the unit. Except for North American model, connect the other end

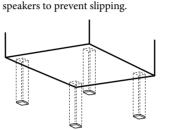
of the speaker cords to the terminals on the speakers as shown below.



#### (not supplied) (H) To left speaker

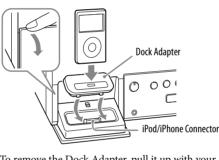
(1) To right speaker

To attach the speaker pads Attach the supplied speaker pads to the bottom of the



### To use the iPod/iPhone

Open the panel where it says "PULL OPEN" [18], and insert a Dock Adapter into the Dock before use. When using an iPod model, use the Dock Adapter supplied with your iPod. When using an iPhone model, use the Dock Adapter supplied with the system. For details on the supplied Dock Adapters, refer to the instructions supplied with the Dock Adapters.



To remove the Dock Adapter, pull it up with your fingernail or a flat object using the slot inside the adapter. To close the panel, slide the release lever 16 to the UNLOCK position, and then close the panel.

### perations

## Playing a CD/MP3 disc

- 1 Select the CD function. Press FUNCTION +/- 3 repeatedly.
- 2 Place a disc.
- Press ♠ (open) 11 on the unit, and place a disc with the label side up on the disc tray 14. To close the disc tray, press  $\triangleq$  11 on the unit.

#### 3 Start playback. Press (play) 4.

Other operations

То	Press
Pause playback	■ (pause) 4. To resume play, press the button again.
Stop playback	■ (stop) <b>5</b> .
Select a folder on an MP3 disc	(select folder) +/- 7 repeatedly.
Select a track or file	(go back)/►► (go forward)  7.
Find a point in a track or file	Hold down ◀◀ (rewind)/▶► (fast forward) 7 during playback, and release the button at the desired point.
Select Repeat Play	REPEAT 25 repeatedly until "REP" or "REP1" appears.

#### To change the play mode

- Press PLAY MODE 24 repeatedly while the player is stopped. You can select normal play ("" for all MP3 files in the folder on the disc), shuffle play ("SHUF" or " SHUF\*" for folder shuffle), or program play ("PGM"). When playing a CD-DA (audio) disc, (SHUF) Play performs the
- same operation as normal (SHUF) Play. **Notes on Repeat Play**

#### • All tracks or files on a disc are played repeatedly up to five times. • "REP1" indicates that a single track or file is repeated until you stop

Note on shuffle play mode When you turn off the system, the selected shuffle play mode ("SHUF") or "\(^{\text{SHUF}}\)") is cleared and the play mode returns to normal play

Notes on playing MP3 discs disc that has MP3 files

• The system can only play MP3 files that have a file extension of • Even when file name has the ".mp3" file extension, if the actual file differs, playing this file may generate a loud noise which could

damage the speaker system and the system may malfunction.

• MP3 files are played back in the order that they are recorded onto

-folders is 255 (including the root folder). -MP3 files is 511.

• Folders that have no MP3 files are skipped.

-folder levels (the tree structure of files) is 8. Compatibility with all MP3 encoding/writing software, recording device, and recording media cannot be guaranteed. Incompatible MP3 discs may produce noise or interrupted audio or may not play

-MP3 files and folders that can be contained on a single disc is 512.

#### • If the first session on the disc is a CD-DA session, the other sessions

Note that the reception of RDS services is only available

for European model, and the DAB/DAB+ tuning is only

Press TUNING MODE 24 repeatedly until "AUTO"

"TUNED" and "STEREO" (for stereo programs only)

appears, and then press +/-  $\boxed{7}$ . Scanning stops

If "TUNED" does not light up and the scanning

scanning, then perform manual tuning (below).

or station name appears on the display.

For manual tuning (FM band only)

repeatedly to tune in the desired station.

for an FM station does not stop, press **5** to stop

When you tune in a DAB/DAB+ station or an FM

station that provides RDS services, the service name

Press TUNING MODE 24 repeatedly until "AUTO"

and "PRESET" disappear, and then press +/- 7

•When tuning in a DAB/DAB+ station, it may take a few seconds

• Primary service is automatically received when secondary service

To reduce static noise on a weak FM stereo station, press FM MODE 25 repeatedly until "MONO" appears to turn off stereo reception.

Running the DAB Automatic Scan manually

1 Press FUNCTION +/- 3 repeatedly to select "DAB."

Scanning begins. The scanning progress is indicated

by advancing squares ( Depending on the

DAB/DAB+ services available in your area, scanning

When scanning is complete, a list of available services

• If your country or region does not support DAB/DAB+ broadcast,

Before unplugging the DAB/FM antenna, make sure the system is turned off to preserve your own DAB/DAB+ settings.

2 Press TUNER MEMORY 23 to select the tuner

Memory

**3** Press +/-  $\boxed{7}$  repeatedly to select the desired preset

If another station is already assigned to the selected

preset number, the station is replaced by the new

**5** Repeat steps 1 through 4 to store other stations.

You can preset up to 20 DAB/DAB+ and 20 FM

MODE 24 repeatedly until "PRESET" appears, and

You can preset a DAB/DAB+ service only when it can be received

then press +/- 7 repeatedly to select the desired

**6** To call up a preset radio station, press TUNING

2 Press TOOL MENU 8 to start the DAB Automatic

"Init Scan?" and "Push ENTER" appear.

**3** Press  $\oplus$  13 to perform scanning.

may take a few minutes

No Service" appears.

station.

Presetting radio stations

4 Press 13 to store the station

Note on presetting DAB/DAB+ stations

1 Tune in the desired station.

automatically when a station is tuned in, and

Press FUNCTION +/- 3 repeatedly.

Listening to the radio

For automatic scanning

light up in the display.

Notes on DAB/DAB+ stations

This tuner does not support data services.

before you hear any sound.

available for CMT-MX550i.

1 Select "DAB" or "FM."

**2** Perform tuning.

on the disc cannot be recognized regardless of the session format; only CD-DA tracks in the first session can be played back.

87.50 ...

- If the session format for the first session is CD-ROM and the following sessions are recorded in the same format, the system will continue to play back MP3 files accordingly in multiple session until the system encounters another session recorded in a different

  - 3 Start playback. Press ► 4.

#### To control the iPod/iPhone

Pause playback	<b>II</b> [4]/ <b>■</b> [5].
Scroll up/down the iPod menus	<b>♠/</b> ♥ 7.
Select a track or chapter of audiobook/ podcast	I◀◀/▶▶I 7. To fast-forward or fast-rewind, hold down the button.
Choose the selected item	<b>→ 7</b> /⊕ <b>13</b> .
Find a point in a track or chapter of audiobook/ podcast	Hold down ◀◀/▶▶ 7 during playback, and release the button at the desired point.
Return to the previous menu or select a menu	◆ 7/TOOL MENU 8/RETURN ○ (return) 22.

#### To use the system as a battery charger

iPhone when the system is on. The charging begins when the iPod/iPhone is placed on

 When placing or removing the iPod/iPhone, handle the iPod/iPhone in the same angle as that of the iPod/iPhone connector on the unit

- Do not carry the unit with an iPod/iPhone set on the connector. Doing so may cause a malfunction.
- Before disconnecting the iPod/iPhone, pause playback.
- playing video if ◀◀/▶▶ 7 does not function.
- does not change even if adjusted on the iPod/iPhone.
- any other portable audio players. • To use an iPod/iPhone, refer to the user's guide of your iPod/iPhone Sony cannot accept responsibility in the event that data recorded to



is MP3\*/WMA\*/AAC\*. Files with DRM (Digital Rights Management) copyright protection

Files downloaded from an online music store may not be played back on this system. Check the websites below for the information about

For customers in Europe: <a href="http://support.sony-europe.com/">http://support.sony-europe.com/>

**1** Select the USB function.

2 Connect the USB device to the ← (USB) port 12.

Press

button again

Press 
4.

Pause playback

#### Other operations

Stop playback	<ul><li>■ 5. To resume play, press </li><li>■ 4*. To cancel resume play, press </li></ul>
	5 again.
Select a folder	
Select a file	<b>◄</b> /►► 7.
Find a point in	Hold down ◀◀/▶▶ 7 during
a file	playback, and release the button at
	the desired point.
Select Repeat Play	REPEAT 25 repeatedly until "REP"
	or "REP1" appears.
Remove the USB	Hold down ■ 5 on the unit until
device	"No Device" appears, then remove
	the USB device.

\* When playing a VBR MP3/WMA file, the system may resume

#### To change the play mode Press PLAY MODE 24 repeatedly while the USB device is stopped. You can select normal play ("a" for all files

in the folder on the USB device), shuffle play ("SHUF" or " SHUF"), or program play ("PGM").

### **Note on Repeat Play**

"REP" indicates that all audio files on a USB device are repeated until you stop playback.

#### Notes on playing multisession discs Playing the iPod/iPhone

- 1 Select the iPod function.
- Press FUNCTION +/- **3** repeatedly.

- 2 Place the iPod/iPhone.

То	Press
Pause playback	<b>II 4</b> / <b>■ 5</b> .
Scroll up/down	<b>♠/</b> ♥ 7.
the iPod menus	
Select a track	► 7. To fast-forward or
or chapter of	fast-rewind, hold down the button.
audiobook/	
podcast	
Choose the	<b>→</b> 7/⊕ 13.
selected item	
Find a point in a	Hold down ◀◀/▶▶ 7 during
track or chapter	playback, and release the button at
of audiobook/	the desired point.
podcast	-
Return to the	◆ 7/TOOL MENU 8/RETURN
	<u> </u>

### You can use the system as a battery charger for the iPod/

the iPod/iPhone connector 17. The charge status appears in the iPod/iPhone display. For details, see the user's

#### To stop charging the iPod/iPhone Remove the iPod/iPhone. Turning off the system also stops charging the iPod/iPhone.

guide of your iPod/iPhone.

- and do not twist or sway the iPod/iPhone to prevent conn
- When placing or removing the iPod/iPhone, brace the unit with one hand and take care not to press the controls of the iPod/iPhone by
- Hold down | 7 to fast-forward (fast-rewind) while
- When the iPhone is connected to the system and you receive a call during playback, playback will pause and you can take an incoming
- To change the volume level, use VOLUME +/− 9. The volume level • This system is designed for iPod/iPhone only. You cannot connect
- iPod/iPhone is lost or damaged when using an iPod/iPhone with this

# (except for North American model)

The audio format that can be played back on this system

- cannot be played back on this system.
- compatible USB devices.
- For customers in Asia and Oceania: <a href="http://www.sony-asia.com/support">http://www.sony-asia.com/support>
- Press FUNCTION +/- **3** repeatedly.
- 3 Start playback.

	<ul><li>4 *. To cancel resume play, press</li><li>5 again.</li></ul>
lect a folder	$\Box$ +/ $-$ 7 repeatedly.
lect a file	<b>/►►</b> 7.
nd a point in	Hold down ◀◀/▶▶ 7 during
file	playback, and release the button at
	the desired point.
lect Repeat Play	REPEAT 25 repeatedly until "REP"
	or "REP1" appears.
emove the USB	Hold down $\blacksquare$ $\boxed{5}$ on the unit until

■ 4. To resume play, press the

Note on shuffle play mode When you turn off the system, the selected shuffle play mode ("SHUF" or " SHUF") is cleared and the play mode returns to normal play

#### To select a memory on the USB device

If the USB device has more than one memory (for example, internal memory and a memory card), you can select which memory to use and then start playback. You cannot select a memory during playback. Make sure to select a memory before starting playback. Use buttons on the unit to select a memory on the USB

- 1 Press FUNCTION 3 repeatedly to select the USB function.
- 2 Connect the USB device to the ← (USB) port 12.
- 3 Press TOOL MENU 8, and then press ENTER 13.
- 4 Press ◆/♥ 7 repeatedly to select a memory number Proceed to step 5 if only one memory can be selected.

To cancel this operation, press  $\blacksquare$  **5**.

#### **5** Press ENTER 13.

- When USB cable connection is necessary, connect the USB cable supplied with the USB device to be connected. See the operation anual supplied with the USB device to be connected for details on the operation method.
- It may take about 10 seconds before "Reading" appears depending on the type of USB device connected.
- Do not connect the system and the USB device through a USB hub. • When the USB device is inserted, the system reads all the files on the USB device. If there are many folders or files on the USB device, it
- may take a long time to finish reading the USB device. With some connected USB devices, after an operation is performed. there may be a delay before it is performed by this system.
- Compatibility with all encoding/writing software cannot be guaranteed. If audio files on the USB device were originally encoded vith incompatible software, those files may produce noise o interrupted audio, or may not play at all.
- This system cannot play audio files on the USB device in the following cases;
- -when the number of audio files in a folder exceeds 999. -when the total number of audio files on a USB device exceeds 999 -when the number of folders on a USB device exceeds 999
- (including the "ROOT" folder and empty folders) These numbers may vary depending on the file and folder structure. Do not save other types of files or unnecessary folders on a USB
- device that has audio files The system can play back to a depth of 8 folders only.
- This system does not necessarily support all the functions provided in a connected USB device.
- Resume play is cancelled when you turn off the system • Folders that have no audio files are skipped.
- The audio formats that you can listen to with this system are as
- -MP3: file extension ".mp3"
- -WMA: file extension ".wma' -AAC: file extension ".m4a"
- Note that even when file name has the correct file extension, if the actual file differs, the system may produce noise or may malfunction
- To use the system as a battery charger

#### You can use the system as a battery charger for USB

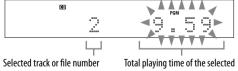
devices that have a rechargeable function when the system is on.

The charging begins when the USB device is connected to the  $\Leftrightarrow$  (USB) port  $\boxed{12}$ . The charge status appears in the USB device display. For details, see the user's guide of your USB device.

### Creating your own program (Program Play)

Note that the USB features are not available for North American model.

- 1 Select the CD or USB function. Press FUNCTION +/- **3** repeatedly.
- **2** Select the play mode.
- Press PLAY MODE 24 repeatedly until "PGM"
- appears while the player is stopped.
- **3** Select the desired track or file number.
- Press | 7 repeatedly until the desired track or file number appears.
- When programming audio files, press -+-7repeatedly to select the desired folder, and then select the desired file



track or file

### **4** Program the selected track or file.

- Press 🕀 1 to enter the selected track or file. **5** Repeat steps 3 through 4 to program additional
- tracks or files, up to a total of 25 tracks or files. **6** To play your program of tracks or files, press ► 4.
- The program remains available until you open the disc tray 14 or remove the USB device. To play the same program again, press  $\triangleright$  4.

## To cancel Program Play

Press PLAY MODE 24 repeatedly until "PGM" disappears while the player is stopped.

To delete the last track or file of the program Press CLEAR 19 while the player is stopped.

#### To view program information Press DISPLAY 27 repeatedly.

### Using optional audio components

- **1** Prepare the sound source.
- Connect additional audio component to the AUDIO IN jack 15 on the unit using an audio analog cord (not supplied).
- 2 Turn down the volume.
- Press VOLUME 9.
- 3 Select the AUDIO IN function. Press FUNCTION +/- 3 repeatedly.
- **4** Start playback.
- Start playback of the connected component and adjust

The system may enter standby mode automatically if the volume level of the connected component is too low. Adjust the component volume accordingly. See "To turn off the automatic standby function."

#### Adjusting the sound

riess
VOLUME +/— <b>9</b> .
DSGX 6 on the unit.
EQ 20 repeatedly to select "BASS or "TREBLE," and then press 4/4  7 to adjust the level.

### Changing the display

То	Press
Change	DISPLAY 27 repeatedly when the
information on	system is on.
the display1)	
Change Display	DISPLAY 27 repeatedly when the
mode (see below.)	system is off.2)

- 1) For example, you can view CD/MP3 disc information or the USB device information (except for North American model), such as:
- -track or file number during normal play. -track or file name ("□") during normal play
- artist name ("♥") during normal play.
- album or folder name (" during normal play.
- total playing time and total number of tracks on the CD-DA disc (only when normal play mode is selected and the player is stopped).
- -total number of folders (albums) on the MP3 disc or the USB device (only when normal play mode is selected and the player is
- stopped). -volume label if it exists on the MP3 disc or the USB device (only when normal play mode is selected and the player or USB device
- is stopped). You can also view DAB/DAB+ station information (CMT-MX550i only) such as the service name, channel label, preset number,

requency, DLS (Dynamic Label Segment), or ensemble label.

<sup>2)</sup> The STANDBY indicator **2** on the unit lights up when the system is off. stem offers the following display modes.

Display mode	When the system is off1),
Demonstration	The demonstration is turned on.
Power Saving Mode <sup>2)</sup>	The display is turned off to conser power. The timer and clock contin to operate.
Clock <sup>3)</sup>	The clock is displayed.

- The STANDBY indicator [2] on the unit lights up when the system is off. 2) You cannot set the clock in Power Saving Mode.
- 3) The clock display automatically turns to Power Saving Mode after 8

#### Notes on the display information

- Characters that cannot be displayed appear as "\_". The following are not displayed;
- -total playing time for an MP3 disc and a USB device (except for
- North American model).
- -remaining playing time for an MP3 file.
- The following are not displayed correctly; -elapsed playing time of an MP3 file encoded using VBR (variable
- -folder and file names that do not follow either the ISO9660 Level 1, Level 2 or Joliet in the expansion format.
- The following are displayed;
- remaining playing time for a track. -ID3 tag information for MP3 files when ID3 version 1 and version 2 tags are used (ID3 version 2 tag information display has priority when both ID3 version 1 and version 2 tags are used for a

## Note on the DAB/DAB+ display information (CMT-MX550i

- The following is also displayed:
- -up to 8 characters of service name, up to 128 characters of DLS Dynamic Label Segment) and up to 16 characters of ensemble

Using the timers

The system offers two timer functions. If you use both timers, the Sleep Timer has priority.

## Sleep Timer:

You can fall asleep to music. This function works even if the clock is not set. Press SLEEP 26 repeatedly. If you select "AUTO," the system automatically turns off after the current disc or

#### **Play Timer:**

You can wake up to CD, FM reception, DAB/DAB+ reception (CMT-MX550i only), iPod/iPhone or USB device (except for North American model) at a preset time. Make sure you have set the clock.

USB device stops, or within 100 minutes.

- **1** Prepare the sound source.
- Prepare the sound source, and then press VOLUME +/- **9** to adjust the volume.
- To start from a specific CD track or audio file, create your own program.

Press TIMER MENU 21. **3** Set the play timer.

2 Select the timer set mode.

- Press ♠/♣ 7 repeatedly to select "PLAY SET?," then press (+) **13**.
- 4 Set the time to start playback.
- Press ♠/♥ 7 repeatedly to set the hour, then press ⊕ 13. Use the procedure above to set the minutes.
- 5 Use the same procedure as in step 4 to set the time to stop playback.
- 6 Select the sound source.
- Press ♠/♣ 7 repeatedly until the desired sound source appears, then press  $\oplus$  13.
- 7 Turn off the system.

Press I/U 1. The system automatically turns on before the preset time.

If the system is on at the preset time, the Play Timer will not play. Do not operate the system from the time the system turns on until the playback starts.

#### To check the setting

- 1 Press TIMER MENU 21.
- 2 Press ♠/♦ 7 repeatedly to select "TIMER SEL?," and
- 3 Press **★**/**▼** 7 repeatedly to select "PLAY SEL?," and then press (+) |13|

#### To cancel the timer

Repeat the same procedure as above until "TIMER OFF?" appears in step 3, and then press  $\oplus$  13.

#### To change the setting Start over from step 1

#### Notes for the iPod/iPhone user

- · Make sure the iPod/iPhone is not playing when using the Play
- The Play Timer may not be activated depending on the status of the

## The Play Timer setting remains as long as the setting is not cancelled

## **Troubleshooting**

- 1 Make sure the power cord and speaker cords are correctly and firmly connected.
- **2** Find your problem in the checklist below, and take the indicated corrective action.

## If the STANDBY indicator flashes

Immediately unplug the power cord, and check the following items.

If the issue persists, contact your nearest Sony dealer.

- Are the + and speaker cords short-circuited? • Is anything blocking the ventilation holes of the
- system? • Is the iPod/iPhone connector 17 short-circuited? After the STANDBY indicator **2** stops flashing, reconnect the power cord, and turn on the system. If the issue persists, contact your nearest Sony dealer.

## General

## The demonstration appears in the display after plugging in the power cord even though the

- system is not turned on. • Press DISPLAY 27 once while the system is off. The
- demonstration disappears.

#### The system does not turn on. • Is the power cord plugged in?

The system has entered standby mode unexpectedly. • This is not a malfunction. The system enters standby mode automatically in about 30 minutes when there is no operation or audio signal output. See "To turn off

### the automatic standby function." The clock setting or the Play Timer operation

has been cancelled unexpectedly. • If about a minute elapses with no operation, the clock setting or Play Timer setting is cancelled automatically. Perform the operation again from the beginning.

- There is no sound. • Are the + and — speaker cords short-circuited?
- Are you using only the supplied speakers? • Is anything blocking the ventilation holes of the system?

### Sound comes from one channel, or the left and right volumes are unbalanced.

• The specified station may have temporarily stopped

• Place the speakers as symmetrically as possible. Connect only the supplied speakers.

#### Severe hum or noise.

- Move the system away from sources of noise
- Connect the system to a different wall outlet. • Install a noise filter (available separately) to the power

#### The remote does not function.

- Remove any obstacles between the remote and the remote sensor 10 on the unit, and position the unit away from fluorescent lights
- Point the remote at the system's sensor. • Move the remote closer to the system.

#### The STANDBY indicator 2 remains lit after unplugging the power cord.

• The STANDBY indicator 2 may not turn off immediately after unplugging the power cord. The indicator will turn off after about 40 seconds. This is not

#### CD/MP3 player

#### The sound skips, or the disc will not play. Wipe the disc clean, and replace it.

- Move the system to a location away from vibration (for example, on top of a stable stand).
- Move the speakers away from the system, or place them on separate stands. At high volume, speaker vibration may cause the sound to skip.

#### Play does not start from the first track.

- Return to Normal Play by pressing PLAY MODE 24 repeatedly until both "PGM" and "SHUF" disappear.
- Starting playback takes more time than usual. • The following discs can increase the time it takes to start playback;
- -a disc recorded with a complicated tree structure. -a disc recorded in multisession mode.

-a disc that has not been finalized (a disc to which data

can be added). -a disc that has many folders.

#### iPod/iPhone

- There is no sound. • Make sure the iPod/iPhone is connected securely.
- Make sure the iPod/iPhone is playing music. Adjust the volume
- The sound is distorted.
- Turn down the volume • Set the "EQ" setting of the iPod/iPhone to "Off" or

• Make sure the iPod/iPhone is connected securely

Make sure the iPod/iPhone is connected securely.

• Make sure the iPod/iPhone is updated with the latest

iPhone are different, you may not operate the iPod/

iPhone using buttons on the remote or unit. In this

## The iPod/iPhone does not function.

Severe hum or noise, or stations cannot be software. If not, update the iPod/iPhone before using received. ("TUNED" or "STEREO" flashes on the display.) Because the operation of the system and the iPod/

## case, use the control buttons on the iPod/iPhone.

The iPod/iPhone cannot be charged. Make sure the iPod/iPhone is connected securely. You can use the system as a battery charger for iPod/

## The ring volume of the iPhone does not

iPhone only when the system is on.

• Adjust the ring volume on the iPhone.

### **USB device (except for North American** model) The connected iPod/iPhone or USB device is

not being charged, when both are connected at the same time. • You cannot charge an iPod/iPhone and the USB device

### at the same time

- Are you using a supported USB device? • If you connect an unsupported USB device, the following problems may occur. Check the information on the websites about compatible USB devices with URLs listed under "Playing a file of the USB device."
- The USB device is not recognized. —File or folder names are not displayed on this system.
- -Playback is not possible. -The sound skips

-There is noise.

- A distorted sound is output. "Over Current!" appears.
- A problem has been detected with the level of electrical current from the ← (USB) port 12. Turn off the system and remove the USB device from the ← (USB) port 12. Make sure there is no problem with the USB device. If this display pattern persists, contact your nearest Sony dealer.

#### There is no sound. • The USB device is not connected correctly. Turn off the

Create the music data again.

system, then reconnect the USB device. There is noise, skipping, or distorted sound.

• The bit rate used when encoding the files was low. Send

files encoded with higher bit rates to the USB device.

#### • Turn off the system, then reconnect the USB device. • The music data itself contains noise, or the sound is distorted. Noise may have been entered when creating music data due to the conditions of the computer.

#### "Reading" is displayed for an extended time, or To turn off the automatic standby function it takes a long time before playback starts. This system is equipped with an automatic standby

- The reading process can take a long time in the following cases.
- -There are many folders or files on the USB device.

• Send the music data to the USB device again, as the

• The character codes that can be displayed by this

system are numbers and alphabets only. Other

• Check the information on the websites about

Check the information on the websites about

Play does not start from the first track.

Set the play mode to Normal Play mode.

than FAT16 or FAT32 are unsupported.\*

on the first partition can be played.

Connect the antenna properly.

cannot be played back.

Tuner

compatible USB devices with URLs listed under

The audio file does not have the extension ".mp3,"

• The data is not stored in MP3/WMA/AAC format.

USB storage devices formatted with file systems other

• If you use a partitioned USB storage device, only files

Files that are encrypted or protected by passwords, etc.

This system supports FAT16 and FAT32, but some USB storage

devices may not support all of these FAT. For details, see the operation manual of each USB storage device or contact the

• Find a location and an orientation that provide good

Keep the antennas away from the speaker cords and the

Check all antenna connections, then perform the DAB

Automatic Scan procedure (see "Reception of DAB/

• The current DAB/DAB+ service may not be available.

frequencies may have changed and you may not be able

to tune into your usual broadcast. Perform the DAB

Automatic Scan procedure to re-register the contents

of broadcasts. (Performing this procedure clears all

Turn off CD player power by using the system's power

management function. By default, CD player power is

Use buttons on the unit to turn off the CD player power.

1 Press FUNCTION 3 repeatedly to select the CD

3 After "STANDBY" stops flashing, press DISPLAY 27

to display the clock, and then press 1/0 1 while

holding down  $\Box + \boxed{7}$ , until "CD POWER OFF"

With CD player power turned off, access time is

increased. To turn on CD player power, repeat the

procedure until "CD POWER ON" appears.

To reset the system to factory settings

If the system still does not operate properly, reset the

Use buttons on the unit to reset the unit to its factory

1 Disconnect and reconnect the power cord, and then

2 While holding down ENTER 13, hold down 1/ 1

All user-configured settings, such as preset radio

stations, timer, and the clock, are deleted.

If you have moved to another area, some services/

reception, and then set up the antenna again.

DAB/DAB+ radio station is not received

Press +/- **7** to select a different service.

power cord to avoid picking up noise.

Turn off nearby electrical equipment.

properly (CMT-MX550i only).

DAB+ radio station").

previously stored presets.)

turned on.

appears.

default settings.

system to factory settings.

turn on the system.

until "RESET" appears.

To improve tuner reception

2 Press I/ (1) 1 to turn off the system.

compatible USB devices with URLs listed under

• The USB device does not work properly. Refer to the

USB device operation manual for how to deal with this

• Turn off the system and reconnect the USB device, then

data stored in the USB device may have been corrupted.

Turn off the system and reconnect the USB device, then

The memory capacity is excessive.

Erroneous display

turn on the system.

Play does not start.

turn on the system.

".wma" or ".m4a".

-The internal memory is fragmented.

characters are not displayed correctly.

The USB device is not recognized.

"Playing a file of the USB device."

"Playing a file of the USB device."

Press 

 4 to start playback.

Files cannot be played back.

- -The file structure is extremely complex.

- operation or audio signal output.

during playback of audio tracks or files

Messages

nearest Sony dealer.

in the received service

in the system.

playback.

Audio CD

to them

when touched

direct sunlight.

files (steps).

the same time.

**Precautions** 

device.

mode automatically in about 30 minutes when there is no By default, the automatic standby function is turned on.

function. With this function, the system enters standby

- Use buttons on the unit to turn off the automatic standby
- personnel before operating it again. • The AC power cord can be changed only by a qualified Hold down  $I/\circlearrowleft$  1 while the system is on, until
- "AUTO STBY OFF" appears. To turn on the function, repeat the procedure until
- "AUTO STBY ON" appears.

**CD Over:** You have reached the end of the disc while

Data Error: You tried to play an unplayable file on the

**Error :** The USB device could not be recognized or an

LOCKED: The disc tray does not open. Contact your

**No Device :** No USB device is connected or the

**No Disc:** There is no disc in the player, or you have

**No Memory:** The memory media which you have

selected as playback source is not inserted in the USB

No Preset (DAB/DAB+ only): There is no stored preset

No Service (DAB/DAB+ only): There is no supported

No Text (DAB/DAB+ only): There is no text information

**Not in Use :** You tried to perform a specific operation

**Not Supported :** An unsupported USB device is

**Push STOP! :** You pressed PLAY MODE 24 during

Step Full!: You tried to program more than 25 tracks or

**TIME NG!:** The Play Timer start and end times are set to

under conditions where that operation is prohibited.

DAB/DAB+ broadcast in your country or region.

**No Step :** All of the programmed tracks have been

connected USB device has been stopped

loaded a disc that cannot be played.

pressing **>>** 7 during playback or pause.

unknown device is connected.

- "AUTO STBY" appears in the display for 2 minutes before the system enters standby mode. • The automatic standby function is invalid for the tuner function
- (FM/DAB), even when you have enabled it. • The system may not enter standby mode automatically in the following cases; -while an audio signal is being detected
- surface may result. -while the preset Play Timer or Sleep Timer is in process

## On heat buildup

Heat buildup on the unit during operation is normal

about an hour until the moisture evaporates.

- and is not cause for alarm • Do not touch the cabinet if it has been used continuously at a high volume because the cabinet may
- have become hot. • Do not obstruct the ventilation holes.

## On the speaker system

This speaker system is not magnetically shielded, and the picture on nearby TV sets may become magnetically distorted. In this situation, turn off the TV, wait 15 to 30 minutes, and turn it back on.

If there is no improvement, move the speakers far away

### Cleaning the cabinet

from the TV.

Clean this system with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pads, scouring powder, or solvents, such as thinner, benzine, or alcohol.

#### **Specifications** No Track: Playable file on the USB device is not loaded

#### AUDIO POWER SPECIFICATIONS POWER OUTPUT AND TOTAL HARMONIC DISTORTION: (The United States model only)

per channel minimum RMS power, with no more than 10% total had distortion from 250 milliwatts to rated output. **Amplifier section** European model: DIN power output (rated): 25 watts + 25 watts (6 ohms at 1 kHz, DIN)

With 6 ohm loads, both channels driven, from 120 - 10.000 Hz; rated 30 watts

Continuous RMS power output (reference): 30 watts + 30 watts (6 ohms at

1 kHz, 10% THD) Music power output (reference): 30 watts + 30 watts (6 ohms at 1 kHz, 10%

DIN power output (rated): 25 watts + 25 watts (6 ohms at 1 kHz, DIN)

AUDIO IN (stereo mini jack): Sensitivity 700 mV, impedance 47 kilohms

objective lens surface on the Optical Pick-up Block with 7mm aperture requency response: 20~Hz-20~kHz

North American model: 87.5 MHz — 108.0 MHz (100 kHz step)

209.936 MHz

213,360 MHz

215.072 MHz

234.208 MHz

235.776 MHz

237.488 MHz

239.200 MHz

10A

Other models: 87.5 MHz – 108.0 MHz (50 kHz step)
Antenna: FM lead antenna

Frequency range\* Band-III: 174.928 (5A) MHz — 239.200 (13F) MHz

\* For details, see "DAB/DAB+ frequency table" below

ement at a distance of 200mm from the

## 1 kHz, 10% THD)

## SPEAKERS: Accepts impedance of 6 ohms

This output is the value measure

Signal-to-noise ratio: More than 90 dB

FM stereo, FM superheterodyne tuner

Antenna terminals: 75 ohms unbalanced

DAB/DAB+ tuner section (CMT-MX550i only):

FM stereo, DAB/FM superheterodyne tune

ntermediate frequency: 10.7 MHz

Antenna: DAB/FM lead antenna Antenna terminal: 75 ohms, F female

ynamic range: More than 90 dB

**Tuner section** 

FM tuner section

- Discs that this system CAN play CD player section System: Compact disc and digital audio system • CD-R/CD-RW (audio data/MP3 files) Laser Diode Properties Emission Duration: Continuous Laser Output\*: Less than 44.6µW
- CD-ROM • CD-R/CD-RW other than those recorded in music CD

Discs that this system CANNOT play

- format or MP3 format conforming to ISO9660 Level 1/Level 2, Ioliet • CD-R/CD-RW recorded in multisession that have not ended by "closing the session" CD-R/CD-RW of poor recording quality,
- or CD-R/CD-RW recorded with an incompatible recording device • CD-R/CD-RW which is finalized incorrectly

• Discs containing files other than MPEG 1 Audio Layer-

CD-R/CD-RW that have scratches or are dirty,

- Discs of non-standard shape (for example, heart, square, star)  $\bullet$  Discs that have adhesive tape, paper, or sticker attached
- Rental or used discs with attached seals where the glue extends beyond the seal Discs that have labels printed using ink that feels tacky
- **Notes on discs** • Before playing, wipe the disc with a cleaning cloth from the center out to the edge.

• Do not clean discs with solvents, such as benzine,

static spray intended for vinyl LPs.

thinner, or commercially available cleaners or anti-

• Do not expose discs to direct sunlight or heat sources

such as hot air ducts, nor leave it in a car parked in

## DAB/DAB+ frequency table (Band-III)

174.928 MHz

178.352 MHz

180.064 MHz

199.360 MHz

202.928 MHz

204.640 MHz

208.064 MHz

183,648 MHz 218.640 MHz 220.352 MHz 222.064 MHz 188.928 MHz 7A 223.936 MHz 12A 190.640 MHz 225.648 MHz 194.064 MHz 229.072 MHz 12D 195,936 MHz 230.784 MHz 232.496 MHz

9A

9B

\* Frequencies are displayed to two decimal places on this system

## • Completely disconnect the power cord (mains lead)

- from the wall outlet (mains) if it is not going to be used for an extended period of time. When unplugging the
- unit, always grip the plug. Never pull the cord itself. Should any solid object or liquid get into the system, unplug the system, and have it checked by qualified
- service facility.

#### On placement

On safety

- Do not place the system in an inclined position or in locations that are extremely hot, cold, dusty, dirty, or humid or lacking adequate ventilation, or subject to
- vibration, direct sunlight or a bright light. • Be careful when placing the unit or speakers on surfaces that have been specially treated (for example, with wax, oil, polish) as staining or discoloration of the

remove the disc, and leave the system turned on for

• If the system is brought directly from a cold to a warm location or is placed in a very damp room, moisture may condense on the lens inside the CD player, and cause the system to malfunction. In this situation.

- Other models: Approx. 150 mm × 240 mm × 220 mm
  - Power requirement
    - Mass (excl. speakers): Approx. 2.9 kg Supplied accessories: Remote Commander (1), R6 (Size AA) batteries (2), FM d antenna (1) (CMT-MX500i), DAB/FM lead antenna (2) (CMT-MX550i
    - Adapters for iPhone models (1 set)

• Halogenated flame retardants are not used in the certain printed

## Approx. 309 mm × 122 mm × 247 mm

- iPod touch 2nd generation
- iPod touch 1st generation
- iPod classic 120 GB, 160 GB (2009) - iPod classic 160 GB (2007) - iPod classic 80 GB
- iPod nano 5th generation (video
- iPod nano 4th generation (video)
- iPod nano 3rd generation (video) - iPod nano 2nd generation (aluminum
- iPod nano 1st generation
- iPod 5th generation (video) iPod 4th generation (color display)
- iPod 4th generation
- iPod mini iPhone - iPhone 3G
- iPhone 3GS USB section (except for North American model ported bit rate
- MP3 (MPEG 1 Audio Laver-3): 32 kbps 320 kbps, VBR WMA: 48 kbps — 192 kbps, VBR
- AAC: 48 kbps 320 kbps
- Sampling frequencies: MP3 (MPEG 1 Audio Layer-3): 32/44.1/48 kHz WMA: 44.1 kHz AAC: 44.1 kHz
- (USB) port: Type A, maximum current 500 mA

## Speaker system: 2 way speaker system, Bass reflex

- Woofer 100 mm, cone type Tweeter 40 mm, cone type
- Rated impedance: 6 ohms Dimensions (W/H/D): North American model: Approx. 140 mm × 240 mm × 200 mm
- Mass: Approx. 2.0 kg net per speaker
- North American model: AC 120 V, 60 Hz Other models: AC 220 V - 240 V, 50/60 Hz Power consumption: 33 watts Dimensions (W/H/D) (excl. speakers)
- Speaker cords (2) (except for North American model), Speaker pads (8), Dock
- Design and specifications are subject to change without notice

Standby power consumption: 0.5 W

wiring boards.

## iPod/iPhone section Compatible iPod/iPhone models